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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 70 For Week Ended October 13, 1989 NO. 41

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 10/13/89	Last Week Ending: 10/06/89	Last Year Week Ending: 10/14/88	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,608	13,748	13,341	-140	267
Operable capacity	15,576	15,576	15,922	0	-346
Percent operated	87.4	88.3	83.8		
Motor Gasoline					
Total motor gasoline production	7,058	7,035	6,985	23	73
Finished leaded motor gasoline production	563	653	1,193	-90	-630
Finished unleaded motor gasoline production	6,495	6,382	5,792	113	703
Total motor gasoline stocks	225,255	225,824	220,164	-569	5,091
Finished leaded motor gasoline stocks	21,271	21,428	40,567	-157	-19,296
Finished unleaded motor gasoline stocks	164,458	162,966	140,585	1,492	23,873
Jet Fuel Kerosine					
Jet fuel kerosine production	1,252	1,257	1,131	-5	121
Jet fuel kerosine stocks	42,709	41,264	40,584	1,445	2,125
Distillate Fuel Oil					
Distillate fuel oil production	2,902	2,961	2,831	-59	71
Distillate fuel oil stocks	120,340	121,771	129,972	-1,431	-9,632
Residual Fuel Oil					
Residual fuel oil production	995	863	904	132	91
Residual fuel oil stocks	45,917	45,201	44,439	716	1,478
Imports					
Crude oil imports	6,477	6,296	5,180	181	1,297
Product imports	1,911	2,208	2,438	-297	-527
Crude Oil Stocks					
Crude oil stocks	342,758	337,064	327,142	5,694	15,616
Crude Supply Balance	465				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,334	1,182	1,182	1,325	89.2
Appal. No. 1	96	87	87	109	79.8
DISTRICT 1 TOTAL	1,430	1,269	1,269	1,434	88.5
Ind., Ill., Ky.	1,854	1,733	1,743	2,198	79.3
Minn., Wisc., Daks.	334	326	328	337	97.3
Okla., Kans., Mo.	738	671	681	730	93.3
DISTRICT 2 TOTAL	2,926	2,730	2,752	3,265	84.3
Inland Texas	613	524	533	555	96.0
Texas Gulf Coast	3,570	3,238	3,257	3,477	93.7
La. Gulf Coast	2,724	2,399	2,410	2,938	82.0
N. La. and Ark.	146	132	132	247	53.4
New Mexico	89	73	74	76	97.4
DISTRICT 3 TOTAL	7,142	6,366	6,406	7,293	87.8
DISTRICT 4 TOTAL	541	481	481	546	88.1
DISTRICT 5 TOTAL	2,706	2,592	2,700	3,038	88.9
TOTAL U.S.	14,745	13,438	13,608	15,576	87.4
TOTAL U.S. Weeks Ended:					
OCT. 6, 1989	14,764	13,573	13,748	15,576	88.3
OCT. 14, 1988	14,261	13,213	13,341	15,922	83.8
DISTRICTS 1-4 Weeks Ended:					
OCT. 13, 1989	12,039	10,846	10,908	12,538	87.0
OCT. 6, 1989	11,969	10,909	10,985	12,538	87.6
OCT. 14, 1988	11,669	10,695	10,786	12,691	85.0

API WEEKLY STATISTICAL BULLETIN

Week Ended October 13, 1989

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	577	5	572	19	58	338	146
Appal. No. 1	42	4	38	--	--	35	4
DISTRICT 1 TOTAL	619	9	610	19	58	373	150
Ind., Ill., Ky.	1,123	28	1,095	9	98	419	41
Minn., Wisc., Daks.	197	24	173	1	27	80	9
Okla., Kans., Mo.	363	79	284	8	39	181	2
DISTRICT 2 TOTAL	1,683	131	1,552	18	164	680	52
Inland Texas	284	31	253	31	39	122	10
Texas Gulf Coast	1,668	65	1,603	43	321	563	240
La. Gulf Coast	1,247	--	1,247	18	321	512	151
N. La. and Ark.	41	4	37	6	5	39	7
New Mexico	44	12	32	8	--	18	1
DISTRICT 3 TOTAL	3,284	112	3,172	106	686	1,254	409
DISTRICT 4 TOTAL	246	71	175	13	28	131	9
DISTRICT 5 TOTAL	1,226	240	986	31	316	464	375
TOTAL U.S.	7,058	563	6,495	187	1,252	2,902	995
TOTAL U.S. Weeks Ended:							
OCT. 6, 1989	7,035	653	6,382	213	1,257	2,961	863
OCT. 14, 1988	6,985	1,193	5,792	212	1,131	2,831	904
DISTRICTS 1-4 Weeks Ended:							
OCT. 13, 1989	5,832	323	5,509	156	936	2,438	620
OCT. 6, 1989	5,854	424	5,430	136	941	2,504	494
OCT. 14, 1988	5,787	839	4,948	145	846	2,408	556

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended October 13, 1989

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,774	27	3,746	1	90	459	6,359	808	--
Central Atlantic	27,310	280	22,521	4,509	442	4,729	28,295	17,959	12,120
Lower Atlantic	30,547	1,915	28,351	281	376	6,100	13,899	2,680	428
DISTRICT 1 TOTAL	61,631	2,222	54,618	4,791	908	11,288	48,553	21,447	12,548
DISTRICT 2 TOTAL	61,071	7,458	44,621	8,992	1,138	8,630	30,328	3,042	17,842
DISTRICT 3 TOTAL	67,365	4,285	46,439	16,641	2,444	16,510	27,725	13,058	48,783
DISTRICT 4 TOTAL	6,378	1,728	2,894	1,756	357	757	2,799	572	2,466
DISTRICT 5 TOTAL	28,810	5,578	15,886	7,346	1,579	5,524	10,935	7,798	24,724
TOTAL U.S.	225,255	21,271	164,458	39,526	6,426	42,709	120,340	45,917	106,363
TOTAL U.S. Weeks Ended:									
OCT. 6, 1989	225,824	21,428	162,966	41,430	7,017	41,264	121,771	45,201	105,576
OCT. 14, 1988	220,164	40,567	140,585	39,012	6,489	40,584	129,972	44,439	107,691
DISTRICTS 1-4 Weeks Ended:									
OCT. 13, 1989	196,445	15,693	148,572	32,180	4,847	37,185	109,405	38,119	81,639
OCT. 6, 1989	196,641	16,060	146,977	33,604	4,787	35,990	111,093	37,236	81,391
OCT. 14, 1988	188,612	33,729	124,271	30,612	4,711	33,853	117,462	35,674	79,202

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

WEEKLY STATISTICAL BULLETIN
Week Ended October 13, 1989

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy May 1989	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
OCT. 13, 1989	4,562.0	4,799.0	6,030	502	262,430
OCT. 6, 1989	4,589.0*	--	5,880	645	258,693
SEP. 29, 1989	4,589.0*	--	6,094	587	254,434
SEP. 22, 1989	4,589.0*	--	5,317	650	253,864
DISTRICT 5 TOTAL					
OCT. 13, 1989	2,921.0	2,983.0	447	6	80,328 #
OCT. 6, 1989	2,890.0*	--	416	59	78,371
SEP. 29, 1989	2,890.0*	--	232	36	78,906
SEP. 22, 1989	2,890.0*	--	294	43	77,092
TOTAL U.S.					
OCT. 13, 1989	7,483.0	7,782.0	6,477	508	342,758 #
OCT. 6, 1989	7,479.0*	--	6,296	704	337,064
SEP. 29, 1989	7,479.0*	--	6,326	623	333,340
SEP. 22, 1989	7,479.0*	--	5,611	693	330,956
OCT. 14, 1988	8,023.0 a/	--	5,180	583	327,142

INCLUDES 19,462 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for October 1988.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1988 Averages Absolute	1988 Averages Positive	1988 Averages Negative
OCT. 13, 1989	465	445	472	-372

LOCATION OF CRUDE OIL STOCKS[1]
(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
OCT. 13, 1989	16,228	69,609	165,058	11,535	262,430	80,328 #	342,758 #
OCT. 6, 1989	15,290	69,896	162,001	11,506	258,693	78,371	337,064
OCT. 14, 1988	16,263	64,396	154,782	11,721	247,162	79,980	327,142

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	38	--	38	--	--	--	131	3	12	--	--	184
Central Atlantic	52	--	52	90	--	--	329	180	23	60	--	734
Lower Atlantic	54	--	54	--	--	25	114	93	--	--	5	291
DISTRICT 1 TOTAL												
OCT. 13, 1989	144	--	144	90	--	25	574	276	35	60	5	1,209
OCT. 6, 1989	437	--	437	35	31	39	265	316	26	229	46	1,424
SEP. 29, 1989	278	--	278	96	--	21	90	384	44	189	47	1,149
SEP. 22, 1989	294	--	294	12	--	69	268	451	24	161	12	1,291
DISTRICTS 2-4 TOTAL												
OCT. 13, 1989	2	--	2	10	43	61	10	14	188	179	160	667
OCT. 6, 1989	9	--	9	31	4	28	3	12	221	277	137	722
SEP. 29, 1989	4	--	4	104	12	24	3	23	154	283	8	615
SEP. 22, 1989	6	--	6	--	--	38	5	5	106	289	41	490
DISTRICT 5 TOTAL												
OCT. 13, 1989	10	--	10	--	--	5	6	6	5	3	--	35
OCT. 6, 1989	32	--	32	--	--	4	8	9	6	3	--	62
SEP. 29, 1989	19	--	19	--	--	4	2	19	5	2	--	51
SEP. 22, 1989	13	--	13	--	--	17	5	11	5	3	--	54
TOTAL U.S.	156	--	156	100	43	91	590	296	228	242	165	1,911
TOTAL U.S. Weeks Ended:												
OCT. 6, 1989	478	--	478	66	35	71	276	337	253	509	183	2,208
SEP. 29, 1989	301	--	301	200	12	49	95	426	203	474	55	1,815
SEP. 22, 1989	313	--	313	12	--	124	278	467	135	453	53	1,835
OCT. 14, 1988	581	--	581	72	3	73	419	533	282	208	267	2,438

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	SEPTEMBER 1989	AUGUST 1989[E/]	MAY 1989
Florida	17.0	18.0	21.0
New York-Pennsylvania	6.0	6.0	10.0
Virginia	0.0	0.0	0.0
West Virginia	5.0	5.0	6.0
Illinois	59.0	60.0	59.0
Indiana	7.0	7.0	10.0
Kansas	142.0	143.0	141.0
Kentucky	11.0	11.0	15.0
Michigan	55.0	55.0	58.0
Missouri-Tennessee	2.0	2.0	2.0
Nebraska	16.0	16.0	17.0
Ohio	25.0	25.0	31.0
Oklahoma	319.0	320.0	327.0
North Dakota	98.0	98.0	99.0
South Dakota	4.0	4.0	4.0
Alabama	55.0	55.0	56.0
Arkansas	29.0	29.0	33.0
Mississippi	75.0	76.0	75.0
New Mexico-So. East	166.0	166.0	169.0
New Mexico-Other	16.0	16.0	18.0
North Louisiana	60.0	60.0	61.0
South Louisiana	1,010.0	1,030.0	1,087.0
Total Louisiana	1,070.0	1,090.0	1,148.0
Texas			
District 1	48.0	48.0	51.0
District 2	58.0	58.0	62.0
District 3	209.0	210.0	210.0
District 4	64.0	64.0	66.0
District 5	32.0	32.0	36.0
District 6, East Texas	105.0	106.0	113.0
Other	88.0	86.0	88.0
District 7-B	82.0	83.0	87.0
District 7-C	75.0	76.0	80.0
District 8 and 8-A	1,028.0	1,035.0	1,060.0
District 9	79.0	80.0	82.0
District 10	40.0	40.0	42.0
Total Texas	1,908.0	1,918.0	1,977.0
Colorado	83.0	84.0	85.0
Montana	53.0	54.0	59.0
Utah	74.0	74.0	80.0
Wyoming	294.0	294.0	299.0
Total Districts 1-4	4,589.0	4,626.0	4,799.0
Alaska	1,877.0	1,871.0	1,974.0
Arizona	0.0	0.0	0.0
California	1,005.0	1,006.0	1,000.0
Nevada	8.0	8.0	9.0
Total District 5	2,890.0	2,885.0	2,983.0
TOTAL U.S.	7,479.0	7,511.0[E/]	7,782.0

E/ **Revised: Data currently displayed are based on reported volumes from 38 producing companies. These volumes are estimated to represent 57.2% of lower 48 states production. When combined with reported Alaskan data, the sample represents 67.9% of total U.S. production in August.**